

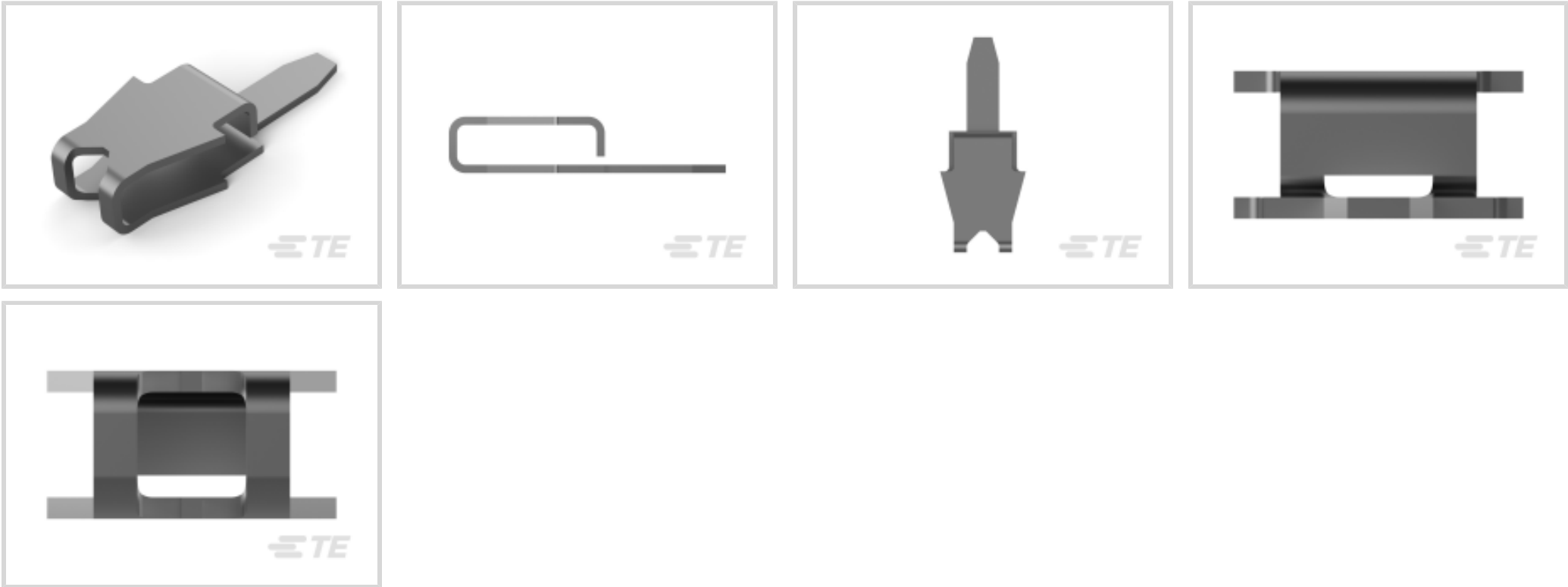


MAG-MATE

TE Internal #: 62938-1
Magnet Wire Terminals, Solder Post, Mating Tab Width .052 in [1.32 mm], Size 1, .18 – .23 mm Magnet Wire, 33 – 31 AWG Magnet Wire, MAG-MATE

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Solder Post**
Mating Tab Width: **1.32 mm [.052 in]**
Mating Tab Thickness: **.25 mm [.01 in]**
Compatible With Cavity Size: **Size 1**
Magnet Wire Size: **33 – 31 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Body Features

Compatible With Cavity Size	Size 1
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Contact Features

Magnet Wire Terminal Type	Solder Post
Mating Tab Width	1.32 mm[.052 in]
Mating Tab Thickness	.25 mm[.01 in]
Terminal Plating Material	Tin
Contact Underplating Material	Nickel
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

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Mating Retention Type	Dimple
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Dimensions

Terminal Height	4.75 mm[.187 in]
Magnet Wire Size	.18 – .23 mm
Stock Thickness (Magnet Wire Side)	.25 mm[.01 in]
Product Length	8.43 mm[.331 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-65 – 150 °C[-85 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Identification Marking

Identification Number	4
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Packaging Features

Packaging Quantity	20000
Packaging Method	Reel, Reel/Carton

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Pin-in-Paste capable to 260°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these



limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # 62527-1 MAG-MATE TERM 31-32 010 TPBR	 TE Part # 2238060-1 MAG-MATE POST 33-31 CU / 31-29 AL TPBR	 TE Part # 2238061-1 MAG-MATE POST 34-33 CU / 33-31 AL TPBR	 TE Part # 2238062-1 MAG-MATE POST 31-28 CU / 29-27 AL TPBR
 TE Part # 62439-1 MAG-MATE POST 22-24 013 TPBR	 TE Part # 63039-1 MAG-MATE W/BBL 33-31 010TPBR	 TE Part # 63818-1 TERM MAG-MATE POST 30-28TPCUBR	 TE Part # 63819-1 TERM MAG-MATE POST 24-22TPCUBR
 TE Part # 62780-1 MINI MAG-MATE 36-44 010 TPBR	 TE Part # 160809-2 MAG-MATE WITH TAB	 TE Part # 160810-2 MAG MATE WITH TAB	 TE Part # 62438-1 MAG-MATE POST 25-27 013 TPBR
 TE Part # 160897-2 MAG MATE WITH TAB	 TE Part # 2238089-1 MAG-MATE TAB 31-28 CU / 29-27 AL TPBR	 TE Part # 62934-1 MAG-MATE POST 32-31 010 TPCUBR	

Also in the Series | **MAG-MATE**



Insertion & Extraction Tools(6)



Magnet Wire Terminals(337)



PCB Terminals(1)

Customers Also Bought



TE Part #1-2834074-3
3P PLUG, MINIATURE WATERPROOF CONN,WHITE



TE Part #3-641437-4
04P MTA156 PSTD CONN ASSY RED



TE Part #1-770904-0
MINI UMNL SOK 22-18 AWG AU



TE Part #1-2834067-2
SOCKET CONTACT,MINIATURE WATERPROOF CONN



TE Part #0682984003
ATUM-12/3-2-SP



TE Part #1534681-1
MAG-MATE CONTACT.187 WITH SOLDER PIN



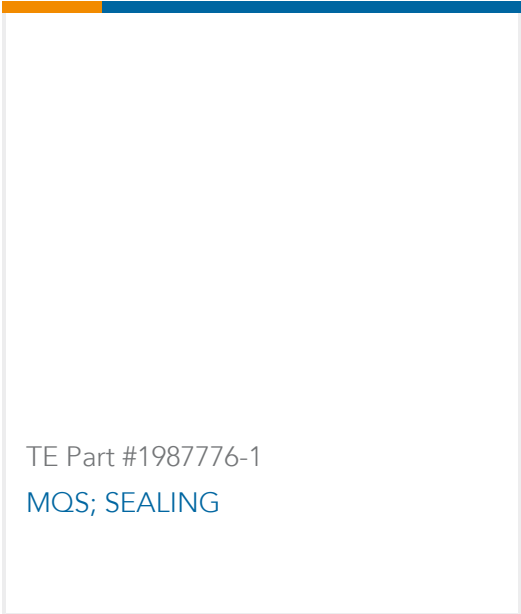
TE Part #1534686-1
MAG MATE CONT WITH SOLDER PIN



TE Part #1534685-1
MAG MATE CONT .300 SOLDER POST



TE Part #1987775-1
SOCKET HOUSING 2 POS.



TE Part #1987776-1
MQS; SEALING

Documents

Product Drawings

MAG-MATE POST 33-31 010 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_62938-1_AC.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_62938-1_AC.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_62938-1_AC.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Magnet Wire Terminals & Splices](#)

English

Product Specifications

[Application Specification](#)

English